

(Attachment I)



Western Renewable Energy Generation Information System

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CPUC/CEC Workshop on Reporting and Tracking
Greenhouse Gas Emissions for a Load-Based Cap
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What Is WREGIS?

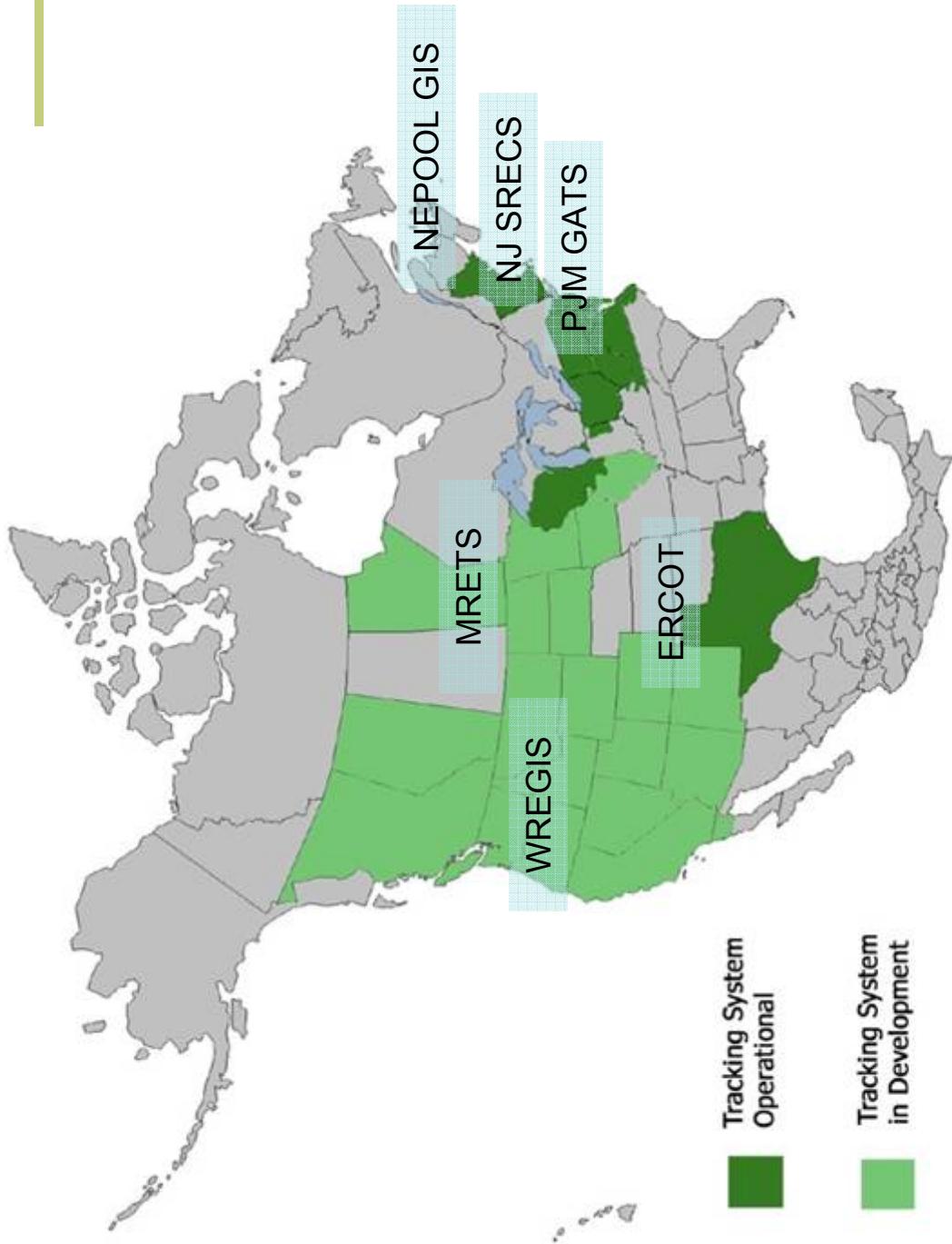
- An independent, renewable energy registry and certificate tracking system for the Western Interconnect region
- WREGIS has two components:
 - Information system (software)
 - Administrative operations housed at the Western Electricity Coordinating Council (WECC)



What Is WECC?

- Mission is to coordinate and promote electric system reliability in the Western Interconnection
- WECC also works to
 - Assure open and non-discriminatory transmission access
 - Provide a forum for resolving transmission access disputes
 - Provide an environment for coordinating the operating & planning activities of its 180 members
- WECC is one of eight electric reliability councils in North America

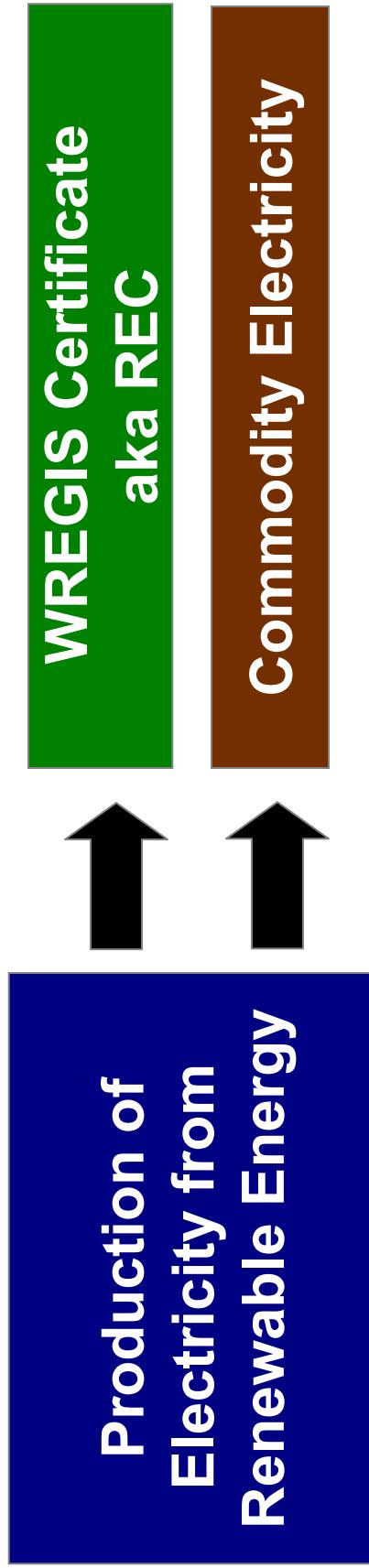
Certificate Tracking Systems



Source: Center for Resource Solutions, 2006



What's a WREGIS Certificate?



- Certificates represent the “environmental” attributes
- Expected to have value in both compliance markets and voluntary market
- One MWh = One WREGIS Certificate



WREGIS Operations

- Market participants will open WREGIS accounts and register GUs
- Certificates may be transferred within an account or to accounts of others
 - Certificates may be permanently retired



Regulatory Uses

- Helps regulators implement RPS
 - Utilities retire certificates to show compliance with renewable obligation or voluntary program
 - WREGIS allows user to specify reason for retirement
- Regulators use WREGIS data to verify certificates meet program eligibility
 - WREGIS does not determine program eligibility, but will record eligibility if State provides the determination



Regulatory Uses (Cont.)

- Provides reports to users and regulators
- Provides mechanism to incorporate RECs from small DG systems into programs
- Provides multi-year banking functionality
 - e.g., if program has “roll-over” provisions
- Certificate information verifiable from EIA filings and attestations
 - QA audit functions internal to application as well as external processes



Other Features

- Policy-neutral
- Uses independent and verifiable data
- Facilitates commercial trading of RECs
- Helps parties find eligible certificates



Why is WRREGIS Important?

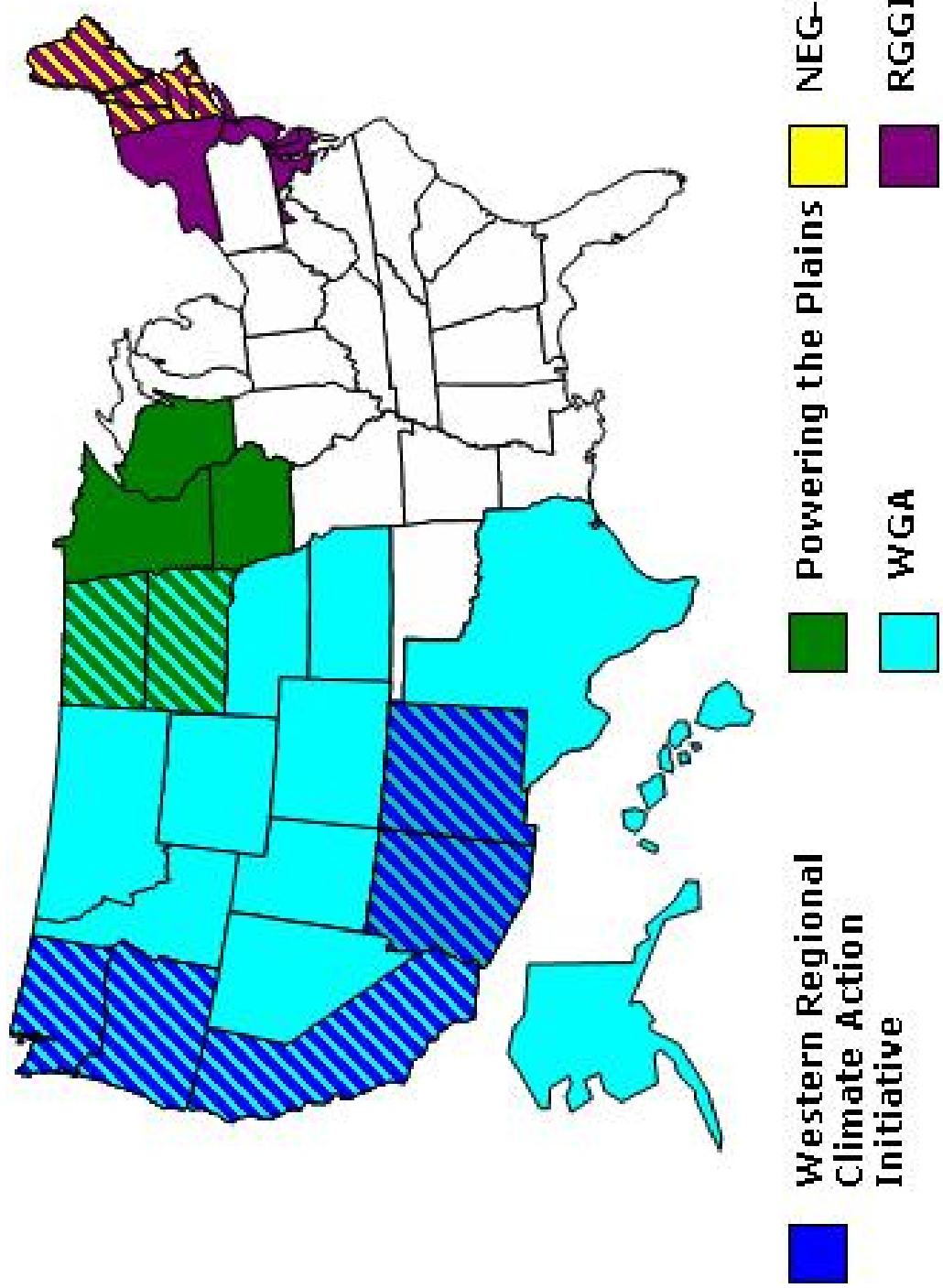
- Builds consumer confidence in renewable energy, fosters renewable market
 - Helps protect against double-counting & double-selling
- Helps states and provinces in compliance markets and with voluntary efforts
- Provides infrastructure to renewable market and validates REC property rights

And What Of The Future?





Regional Climate Initiatives



Source: Pew Center on Global Climate Change, 2007



WREGIS Emission Tracking?

- NEPOOL GIS records fuel sources and creates a certificate for every MWh generated within or imported into the ISO
 - GIS tracks all emissions, including CO₂, CO, SO₂, NO_x, VOCs, particulates and mercury
- Despite the possibility of adding emission tracking, not in WREGIS current scope
 - Focus on bringing system on line this summer
 - Once on line, it could serve as a platform for tracking other environmental attributes

(End of Attachment I)